



2145  
1FW

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PATENT

Paper No.

File: AIS-P99-1

By [Signature]  
Peter K. Trzyna (Reg. No. 32,601)

Date June 10, 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Inventor	:	Daniel L. Marks
Serial No.	:	09/399,578
Filed	:	September 20, 1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	P. Winder

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Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

S I R :

Transmitted herewith for filing in the above-identified patent application are the following.

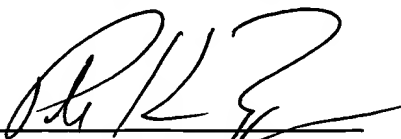
1. Information Disclosure Statement (2 pages);
2. PTO Form 1449 (7 pages); and
3. PTO Form 1449 (2 pages).

The art listed on the enclosed PTO Form 1449s has been delivered to the Examiner's office at 401 Delany Street. The Commissioner is hereby authorized to charge any fees associated with the above-identified patent application or credit any overcharges to Deposit

Account No. 50-0235. Please direct all correspondence to the undersigned at the address given below.

Respectfully submitted,

Date: June 10, 2005

  
\_\_\_\_\_  
Peter K. Trzyna  
(Reg. No. 32,601)

P.O. Box 7131  
Chicago, IL 60680-7131  
(312) 240-0824



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By

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P.O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

SIR:

This Information Disclosure Statement is being filed pursuant to the duty of disclosure, candor, and good faith embodied in 37 C.F.R. §§ 1.56 and 1.97 owed by the inventor, the inventor's assignee substantively involved in the application, and the patent attorney to the United States Patent and Trademark Office. This Information Disclosure Statement accompanies two separate Form 1449 citations, one is 7 pages long, and the other is 2 pages long. A copy of each citation is enclosed herewith.

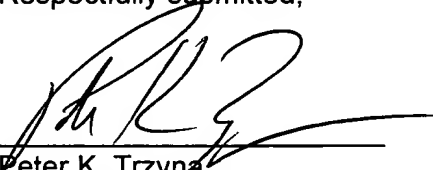
While the Information Disclosure Statement, publications, and other information provided by Applicant may be "material" pursuant to 37 C.F.R. § 1.56, it is not intended that

these constitute an admission of "prior art" for this invention. This Information Disclosure Statement shall not be construed to mean that no other material information, as defined in 37 C.F.R. § 1.56, exists.

Should any fees be deemed necessary, the Commissioner is authorized to charge any deficiency or to credit any over payment to Deposit Account No. 50-0235.

Respectfully submitted,

Date: June 10, 2005

  
\_\_\_\_\_  
Peter K. Trzyna  
(Reg. No. 32,601)

P.O. Box 7131  
Chicago, IL 60680-7131  
(312) 240-0824



PTO/SB/08A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Group Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	ALW-P1-99

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	5,008,853	04/16/91	Bly, et al.	
	A2	5,659,692	08/19/97	Poggie, et al.	
	A3	4,525,779	06/25/85	Davids, et al.	
	A4	5,528,671	06/18/96	Ryu, et al.	
	A5				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A6					
	A7					

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A8	Rules for IRC networking – Ratified July 6th 1994; Edited June 29th by #EU-Opers
	A9	Internet Relay Chat FAQ
	A10	IRC – Internet Relay Chat, doc/MANUAL; Copyright 1990, Karl Kleinpaste
	A11	Undemet IRC FAQ (Part I) (updated 28th July 1995) – Weekly Report
	A12	Undemet IRC FAQ (Part II) (updated 28th July 1995) – Weekly Report
	A13	A short IRC primer; Edition 1.1b, February 28, 1993
	A14	Internet Relay Chat Protocol; J. Oikarinen, D. Reed; May 1993
	A15	Alta Vista: Simple Query +cu-seeme +history;
	A16	Mac OS CU-SeeMe Change History README file
	A17	GIF Image 627x324 pixels
	A18	NetSpeak Information Server (IS);
	A19	WebPhone Gateway eXchange Server (WGX)
	A20	WebPhone® 3.1
	A21	NetSpeak Servers
	A22	NetSpeak Corporation – Corporate Overview

EXAMINER  
SIGNATURE

DATE CONSIDERED

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Rev. Sept. 03

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
				Attorney Docket Number	As-P1-99
Sheet	2	Of	2		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A23	NETSPEAK CORPORATION INTRODUCES WEBPHONE, INDUSTRY'S FIRST INTERNET-BASED TELEPHONE SOLUTION FOR BUSINESS USERS
	A24	NetSpeak Network Component Architecture (NCA) Overview
	A25	Electropolis: Communication and Community On Internet Relay Chat; Elizabeth M. Reid 1991
	A26	CU-SeeMe, Updated: Thursday 21 December 1995
	A27	CU-SeeMe Tech-Toys

EXAMINER	DATE CONSIDERED
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**JUN 13 2005**

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet

1

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7

Attorney Docket Number

**Complete if Known**

Application Number

09/399.578

Filing Date

09/20/1999

First Named Inventor

Marks, Daniel L.

*Art Unit*

2155

Examiner Name

Winder, Patrice L.

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A1	US- 5,563,804	10/08/1996	Mortensen et al.	
	A2	US- 5,894,556	04/13/1999	Grimm et al.	
	A3	US- 5,951,694	09/14/1999	Choquier et al.	
	A4	US- 6,289,390 B1	09/11/2001	Kavner	
	A5	US- 4,525,779	06/25/1985	Davids et al.	
	A6	US- 5,008,853	04/16/1991	Bly et al.	
	A7	US- 5,528,671	06/18/1996	Ryu et al.	
	A8	US- 5,659,692	08/19/1997	Poggio et al.	
	A9	US- 5,724,508	03/03/1998	Harple, Jr. et al.	
	A10	US- 5,880,731	03/09/1999	Liles et al.	
	A11	US- 5,608,786	03/04/1997	Gordon	
	A12	US- 5,548,506	08/20/1996	Srinivasan	
	A13	US- 5,333,266	07/26/1994	Boaz et al.	
	A14	US- 5,793,365	08/11/1998	Tang et al.	
	A15	US- 5,960,173	09/28/1999	Tang et al.	
	A16	US- 5,740,231	04/14/1998	Cohn et al.	
	A17	US- 6,064,723	05/16/2000	Cohn et al.	
	A18	US- 5,761,201	06/02/1998	Vaudreuil	
	A19	US- 5,621,727	04/15/1997	Vaudreuil	
	A20	US 6,119,101	09/12/2000	Peckover	

## FOREIGN PATENT DOCUMENTS

[illegible]

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	Marks, Daniel L.
				Art Unit	2155
				Examiner Name	Winder, Patrice L.
				Attorney Docket Number	
Sheet	2	of	7		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	A21	REAL TIME GROUPWARE ON THE INFORMATION HIGHWAY, Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada (1994)		
	A22	REAL TIME GROUPWARE AS A DISTRIBUTED SYSTEM: CONCURRENTLY CONTROL AND ITS EFFECT ON THE THE INTERFACE, Saul Greenberg and David Marwood, Department of Computer Science, University of Calgary, Alberta Canada (1994)		
	A23	A GROUPWARE ENVIRONMENT FOR COMPLETE MEETINGS, Ted O'Grady and Saul Greenberg, The University of Calgary, Alberta Canada (1992)		
	A24	GROUP KIT A GROUPWARE TOOLKIT FOR BUILDING REAL-TIME CONFERENCING APPLICATIONS, Mark Roseman and Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada, CSCW 92 Proceedings (1992)		
	A25	ISSUES AND EXPERIENCES DESIGNING AND IMPLEMENTING TWO GROUP DRAWING TOOLS, Saul Greenberg, Mark Roseman, David Webster and Ralph Bohnet, Department of Computer Science, University of Calgary, Alberta Canada (1992)		
	A26	LIVEWARE: A NEW APPROACH TO SHARING DATA IN SOCIAL NETWORKS, Ian H. Witten, Computer Science, University of Calgary, Canada, Harold W. Thimbleby, Computing Science, Stirling University, Stirling, Scotland, UK, George Coulouris, Queen Mary and Westfield College, London, Saul Greenberg, Computer Science, University of Calgary, Calgary, Canada (Received 1 May 1990 and accepted in revised form 1 August 1990)		
	A27	GROUPSKETCH: A MULT-USER SKETCHPAD FOR GEOGRAPHICALLY-DISTRIBUTED SMALL GROUPS, Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada, Ralph Bohnet, MPR TelTech Ltd., Burnaby, Canada, CSCW (1991(b))		
	A28	THE WORLD WIDE WEB UNLEASHED, John December and Neil Randall, SAMS Publishing, Indianapolis, IN, (1994)		
	A29	PLATO: THE EMERGENCE OF ON-LINE COMMUNITY, Copyright 1994 by David R. Woolley, Matrix News, Vol. 4, No. 1, (1994)		
	A30	GTALK OWNERS MANUAL, David W. Jeske (1995)		
	A31	MUDS GROW UP: SOCIAL VIRTUAL REALITY IN THE REAL WORLD, Pavel Curtis and David A. Nichols, Xerox Parc (1993)		
	A32	COLLABORATIVE NETWORKED COMMUNICATION: MUDS as Systems Tools, Remy Evard, 1993 Lisa, November 1-5, 1993.		
Examiner Signature			Date Considered	

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 7

**Complete if Known**

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

**NON PATENT LITERATURE DOCUMENTS**

A33	PROCEEDINGS OF THE SEVENTH SYSTEMS ADMINISTRATION CONFERENCE (LISA VII), Monterey, CA, USENIX Association, (1993) (One Page)
A34	ROLE-PLAYING & ADVENTURE DUNGEONS & DRAGONS, Net Games, p. 67
A35	THE HISTORY OF NWN, Neverwinter Nights Archive (1991-1997), netgames™ YOUR GUIDE TO THE GAMES PEOPLE PLAY ON THE ELECTRONIC HIGHWAY, A Michael Wolff Book, Kelly Maloni, Derek Baker and Nathaniel Wice
A36	BAUDY TALES FROM THE CYBURBS: A GUIDE TO ON-LINE GAMES, (includes related articles on UseNet Message Groups and Suggested reading (Evaluation) (Software Review), Full Text: COPYRIGHT 1994 zdnet, Computer Gaming World, v 123 (1994)
A37	AMS: Area Message Service for SLC, M. Crane, R. Mackenzie, D. Millsom, M. Zelazny, Stamford Linear Accelerator Center, Stanford University, Stanford, CA, PAC (1993)
A38	AN EXPERIMENTAL MULTI-MEDIA BRIDGING SYSTEM, E.J. Addeo, A.B. Dayao, A.D. Gelman, V.F. Massa, Bell Communications Research, Morristown, NJ, ACM (1988)
A39	QUILT: A COLLABORATIVE TOOL FOR COOPERATIVE WRITING, Robert S. Fish, Robert E. Kraut, Mary D. P. Leland, Bell Communications Research, Michael Cohen, University of Washington, ACM (1988)
A40	RFC 1459 INTERNET RELAY CHAT PROTOCOL, J. Oikarinen, D. Reed (1993)
A41	WSCRAWL 2.0: A SHARED WHITEBOARD BASED ON X-WINDOWS, Brian Wilson
A42	GROUPWARE FOR REAL-TIME DRAWING – A DESIGNER'S GUIDE, Saul Greenberg, Stephen Hayne, Roy Rada, McGraw-Hill Book Company, Berkshire, England (1995)
A43	COLLABORATIVE DOCUMENT PRODUCTION USING QUILT, Mary D.P. Leland, Robert S. Fish and Robert E. Kraut, Bell Communications Research, Inc, Morristown, NJ ACM (1988)
A44	THE RAPPORT MULTIMEDIA CONFERENCING SYSTEM, S.R. Ahuja, J. Robert Ensor and David N. Horn, AT&T Bell Laboratories, Holmdel, NJ, ACM (1988)
A45	SOFTWARE ARCHITECTURE FOR INTEGRATION OF VIDEO SERVICES IN THE ETHERPHONE SYSTEM, P. Venkat Rangan, Member, IEEE, and Daniel C. Swinehart, Member, IEEE (1991)
A46	MULTIMEDIA CONFERENCING IN THE ETHERPHONE ENVIRONMENT, Harrick V. Vin, Polle T. Zellweger, Daniel C. Swinehart, and P. Venkat Rangan, Xerox Palo Alto Research Center, (1991)
A47	TOOLS FOR SUPPORTING THE COLLABORATIVE PROCESS, James R. Rhyne, Catherine G. Wolf, IBM Thomas J. Watson Research Center, Yorktown Heights, NY, UIST (1992)
A48	SYSTEM SUPPORT FOR COMPUTER MULTIMEDIA COLLABORATIONS, Harrick M. Vin, P. Venkat Rangan, University of California at San Diego, LaJolla, CA, Mon-Song Chen, IBM T. J. Watson Research Center, Yorktown Heights, NY, CSCW 92 Proceedings (1992)

Examiner  
SignatureDate  
Considered

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Sheet

4

of

7

Attorney Docket Number

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Application Number

09/399,578

Filing Date

09/20/1999

First Named Inventor

Marks, Daniel L.

Art Unit

2155

Examiner Name

Winder, Patrice L.

**NON PATENT LITERATURE DOCUMENTS**

A49	COLLABORATION IN KMS, A SHARED HYPERMEDIA SYSTEM, Elise Yoder, Robert Aksyn, Donald McCracken, Knowledge Systems Incorporated, Murrysville, PA, ACM (1989)	
A50	THE RENDEZVOUS ARCHITECTURE AND LANGUAGE FOR CONSTRUCTING MULTIUSER APPLICATIONS, Ralph D. Hill, Tom Brinck, Steven Rohall, John F. Patterson and Wayne Wilner, ACM Transactions on Computer-Human Interaction, Vol. 1, No. 2 (1994)	
A51	COLLABORATION SUPPORT PROVISIONS IN AUGMENT, Douglas C. Engelbart, Tymshare, Inc. (1983)	
A52	BUILDING REAL-TIME GROUPWARE WITH GROUPKIT, A GROUPWARE TOOLKIT, Mark Roseman and Saul Greenberg, University of Calgary, ACM Transactions on Computer-Human Interaction, Vol. 3, No. 1, (1996)	
A53	ARCHITECTURE FOR A MULTIMEDIA TELECONFERENCING SYSTEM, L. Aguilar, J.J. Garcia-Luna-Aceves, D. Moran, E.J. Craighill, R. Brungardt, Information Services and Technology Center, SSRI International, Menlo Park, CA, ACM (1986)	
A54	SPECIAL ISSUE ON CSCW: PART 1, HUMAN AND TECHNICAL FACTORS OF DISTRIBUTED GROUP DRAWING TOOLS, Saul Greenberg, Mark Roseman, Dave Webster and Ralph Bohnet, Interacting With Computers, Vol. 4, No. 3 (1992)	
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Examiner Signature		Date Considered

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STATEMENT BY APPLICANT**

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of

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**Complete if Known**

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

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First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

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